Bench scale KERN FKT

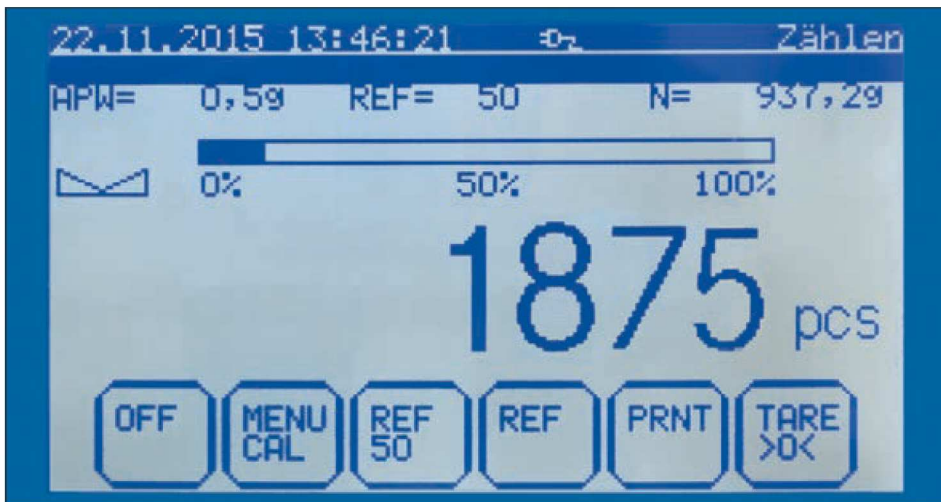## Alibi memory

· Ring memory for up to 49,152 measuring results (744 measuring results per day!)

· Saved measuring results cannot be changed or cleared. If the maximum memory capacity is reached, then the oldest value will be overwritten

· In addition to the measuring result, the date, time, tare value, a sequential number and the serial number of the balance are also saved

· Saved measuring results can be searched and recalled easily

· The alibi memory can also be used for applications which do not require verification

· Complies with WELMEC 2.5

Touchscreen industrial scale with enormous range of functions, also with EC type approval [M]

Innovative touchscreen:
Large touch-sensitive, backlit screen with very good contrast for easy operation and convenient reading

Advantages:
· The menu and processes are self-explanatory
· No more errors or lost time through keys which have several functions or unclear markings
· Large keys, which can also be operated while wearing gloves
· More efficient and faster working

Easy input of text and values
Using large keypad, e.g. packaging weights, item descriptions, user name, etc.

80 memories for each mode
e.g. for Checkweighing, PRE-TARE, reference weight, target value when dispensing, item descriptions, user name, weights for tare containers, etc. Easy to enter using the large-scale keypad

Weighing with tolerance range (check-weighing): Input of an upper/lower limit value. A visual and audible signal assists with portioning, dispensing or grading

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Features

- **Convenient recipe weighing:** 99 In recipes with 10 components each can be stored in plain text. There is a function to adjust the other components if the initial weight was too high. The actual values and the desired values well as the proportionate percentages can be printed afterwards.. The recipes can be generated easily in an Excel list at the PC and transferred to the balance using the RS-232 interface. Alternatively, the recipes can also be entered directly using the keypad
- **Multiplier function:** recipes with the ingredient weights recorded as percentage values can easily be replicated by entering a new target weight. The ideal solution for the preparation of larger containers, bulk packs etc.
- **Rapid function** for shortened stabilisation time with reduced readout
- **16 print forms** which can store up to 20 different information, such as, e.g., date, time, operator, item, net, tare, gross, PCS, target weight, PRE-TARE etc. The print forms can be generated easily in an Excel list at the PC and transferred to the balance using the RS-232 interface
- **Control outputs (optocoupler, digital I/O)** to connect relays, signal lamps, valves etc. (35V / 80mA)
- **Hook for underfloor weighing** standard

Technical data

- Backlit LCD touch display, digit height 18 mm
- Dimensions weighing surface, stainless steel, W×D 340×240 mm
- Overall dimensions W×D×H 350×390×120 mm
- Optional battery operation, 6×1.5 V Size C not included, operating time up to 20 h
- Permissible ambient temperature 10 °C/40 °C

Accessories

- **Protective working cover**, standard, can be re-ordered, scope of delivery: 5 items, KERN FKB-A02S05
- **Rechargeable battery pack external**, operating time up to 20 h without backlight, charging time approx. 10 h, KERN KS-A01
- **Signal lamp** for visual support of weighing with tolerance range, KERN IKT-A04
- **RS-232/Ethernet adapter** for connection to an IP-based Ethernet network, KERN YKI-01
- **RS-232/USB adapter**, to connect peripheral devices with USB connection, KERN AFH 12
- Further details, plenty of further accessories and suitable printers see *Accessories*

Modes

① Weighing
② Counting
③ Dispensing
④ Recipe weighing
⑤ Checkweighing
⑥ Totalising with daily total
⑦ Percentage determination
⑧ Animal weighing
⑨ Surface weight
⑩ Density determination, not for [M]
⑪ Rapid function, not for [M]

Functions

- Capacity display with ①–②, ⑤–⑦, ⑨–⑪
- Dispensing aid (–/+), with ③, ④
- Net/gross display, permanent, with ①, ③–⑤, ⑧–⑪
- Variable reference quantity, with ②
- Automatic reference optimisation, with ②
- PRE-TARE numerical or from the memory unit, with ①–⑦, ⑪
- Entering of item or batch description, operator etc., with ①–⑦, ⑪
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, grammage g/m^2, or similar, with ⑨
- Date/time, with ①–⑪
- Statistical function, with ①
- GLP printout, with ①–⑪
- Individual formatting of up to 16 printer forms, recipes, operating mode master data in MS Excel, import via RS-232, for examples, see the internet, with ①–⑪

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STANDARD															OPTION	FACTORY
CAL EXT	MEMORY	ALIBI	RS 232	PCS	RECIPE	SUM	PERCENT	UNIT	TOL	MOVE	UNDER	ACCU	BATT	MULTI	DMS	1 DAY	3 YEARS WARRANTY	DAkkS +3 DAYS	M +3 DAYS FKT-M

Model	Weighing range [Max]	Readout [d]	Reproducibility	Linearity	Smallest part weight [counting]		Options	
							Verification	DAkkS Calibr. Certificate
KERN	kg	g	g	g	g/piece		M Ⓜ KERN	DKD KERN
FKT 30K0.5L	30	0,5	0,5	± 1	0,5		-	963-128
FKT 60K1L	60	1	1	± 2	1		-	963-129
High resolution readout								
FKT 6K0.02L	6	0,02	0,04	± 0,1	0,02		-	963-128
FKT 16K0.05L	16	0,05	0,1	± 0,25	0,05		-	963-128
FKT 36K0.1L	36	0,1	0,2	± 0,5	0,1		-	963-128
FKT 65K0.2L	65	0,2	0,4	± 1	0,2		-	963-129
Note: For applications that require verification, please order verificati on at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.								
FKT 6K1LM	6	1	0,5	± 0,5	1		965-228	963-128
FKT 12K2LM	12	2	1	± 1	1		965-228	963-128
FKT 30K5LM	30	5	2,5	± 2,5	5		965-228	963-128
FKT 60K10LM	60	10	5	± 5	10		965-229	963-129